

L1 ANSWER 2 OF 4 MEDLINE
 AN 2001646582 MEDLINE
 DN 21555855 PubMed ID: 11698102
 TI Regulation of Ins(1,4,5)P3 receptor isoforms by endogenous modulators.
 AU Thrower E C; Hagar R E; Ehrlich B E
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 New Haven, CT 06520-8066, USA.. edwin.thrower@yale.edu
 NC GM63496 (NIGMS)
 SO TRENDS IN PHARMACOLOGICAL SCIENCES, (2001 Nov) 22 (11) 580-6. Ref: 59
 Journal code: 7906158. ISSN: 0165-6147.
 CY England: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 General Review; (REVIEW)
 (REVIEW, TUTORIAL)
 LA English
 FS Priority Journals
 EM 200112
 ED Entered STN: 20011108
 Last Updated on STN: 20020123
 Entered Medline: 20011219
 AB Three isoforms of the inositol (1,4,5)-trisphosphate [Ins(1,4,5)P3]
 receptor have been identified. Each receptor isoform has been
functionally characterized using many **different**
 techniques. Although these receptor isoforms possess **high**
homology, interesting differences in their Ca²⁺ dependence,
 Ins(1,4,5)P3 sensitivity and subcellular distribution exist, implying
 distinct cellular roles. Indeed, interplay among the isoforms might be
 necessary for a cell to control spatial and temporal aspects of cytosolic
 Ca²⁺ signals, which are important for many cellular processes. In this
 review isoform-specific functions, primarily at the single-channel level,
 will be highlighted and these properties will be correlated with Ca²⁺
 signals in intact cells.

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RESULT 3
AR003351
LOCUS AR003351 1161 bp DNA linear PAT 04-DEC-1998
DEFINITION Sequence 5 from patent US 5744301.
ACCESSION AR003351
VERSION AR003351.1 GI:3964610
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 1161)
AUTHORS Birkenbach, M. and Kieff, E.
TITLE Methods of detection of Epstein Barr virus induced genes expressed in the placenta
JOURNAL Patent: US 5744301-A 5 28-APR-1998;
FEATURES Location/Qualifiers
source
1..1161
/organism="unknown"
BASE COUNT 239 a 378 c 304 g 240 t
ORIGIN

Alignment Scores:
Pred. No.: 7,246-23 Length: 1161
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Best Local Similarity: 99.29% Mismatches: 0
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LOCUS AR050784 1161 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 1 from patent US 5830451.
ACCESSION AR050784
VERSION AR050784.1 GI:5974148
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 1161)
AUTHORS Devergne, O. and Kieff, E.
TITLE Haematopoietic cytokine Epstein Barr virus-induced protein
JOURNAL Patent: US 5830451-A 1 03-NOV-1998;
FEATURES Location/Qualifiers
source
1..1161
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BASE COUNT 239 a 378 c 304 g 240 t
ORIGIN

Alignment Scores:
Pred. No.: 7,246-23 Length: 1161
Score: 782.00 Matches: 140
Percent Similarity: 100.00% Conservative: 1
Best Local Similarity: 99.29% Mismatches: 0
Query Match: 73.50% Indels: 0
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US-09-921-994-2 (1-192) x AR050784 (1-1161)
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RESULT 5

HUMEB13X

LOCUS Human cytokine receptor (EBI3) mRNA linear PRI 01-APR-1996

DEFINITION Human cytokine receptor (EBI3) mRNA, complete cds.

ACCESSION L08187

VERSION L08187.1 GI:632973

KEYWORDS cytokine receptor.

SOURCE Homo sapiens cDNA to mRNA.

ORGANISM Homo sapiens

REFERENCE 1 (bases 1 to 1161)

AUTHORS Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

TITLE A novel interleukin-12 p40-related protein induced by latent Epstein-Barr virus infection in B lymphocytes

JOURNAL J. Virol. 70 (2), 1143-1153 (1996)

MEDLINE 96135230

PUBMED 8551375

FEATURES

On Jan 24, 1995 this sequence version replaced gi:181921.

Location/Qualifiers

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Db 533 CTCTCTCACTGAAGTACTGATCGGTACAGGCTGCGGAGCTGCGCCCTTCCACAGGCT 592

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RESULT 4

AR003351

LOCUS Sequence 5 from patent US 5744301. 1161 bp DNA linear PAT 04-DEC-1998

DEFINITION AR003351

ACCESSION AR003351

VERSION AR003351.1 GI:3964610

KEYWORDS Unknown.

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 1161)

AUTHORS Birkenbach, M. and Kieff, E.

TITLE Methods of detection of Epstein Barr virus induced genes expressed in the placenta

JOURNAL Patent: US 5744301-A 5 28-APR-1998.

FEATURES

Location/Qualifiers

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/organism="unknown"

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ORIGIN

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Matches 686; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

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